

FIG. 1

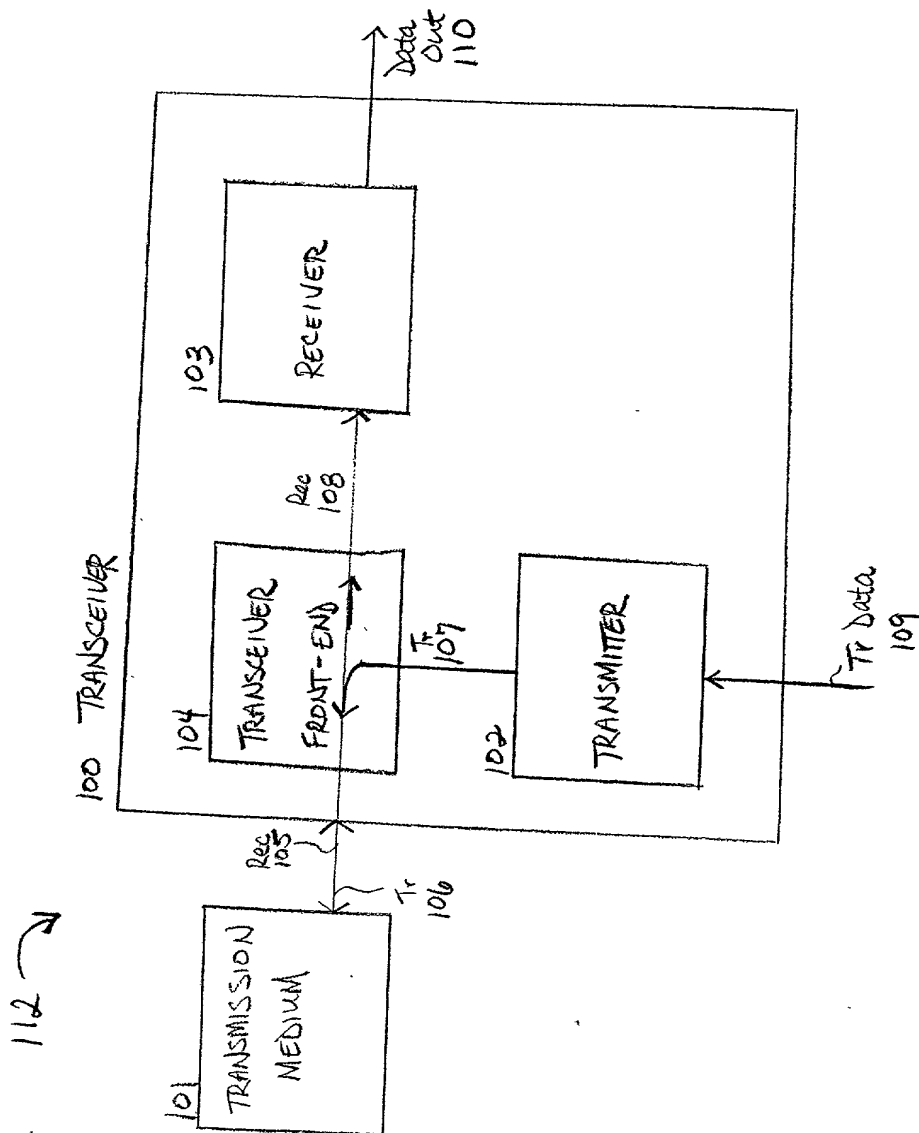


FIG. 2: Conventional Transceiver Front-end

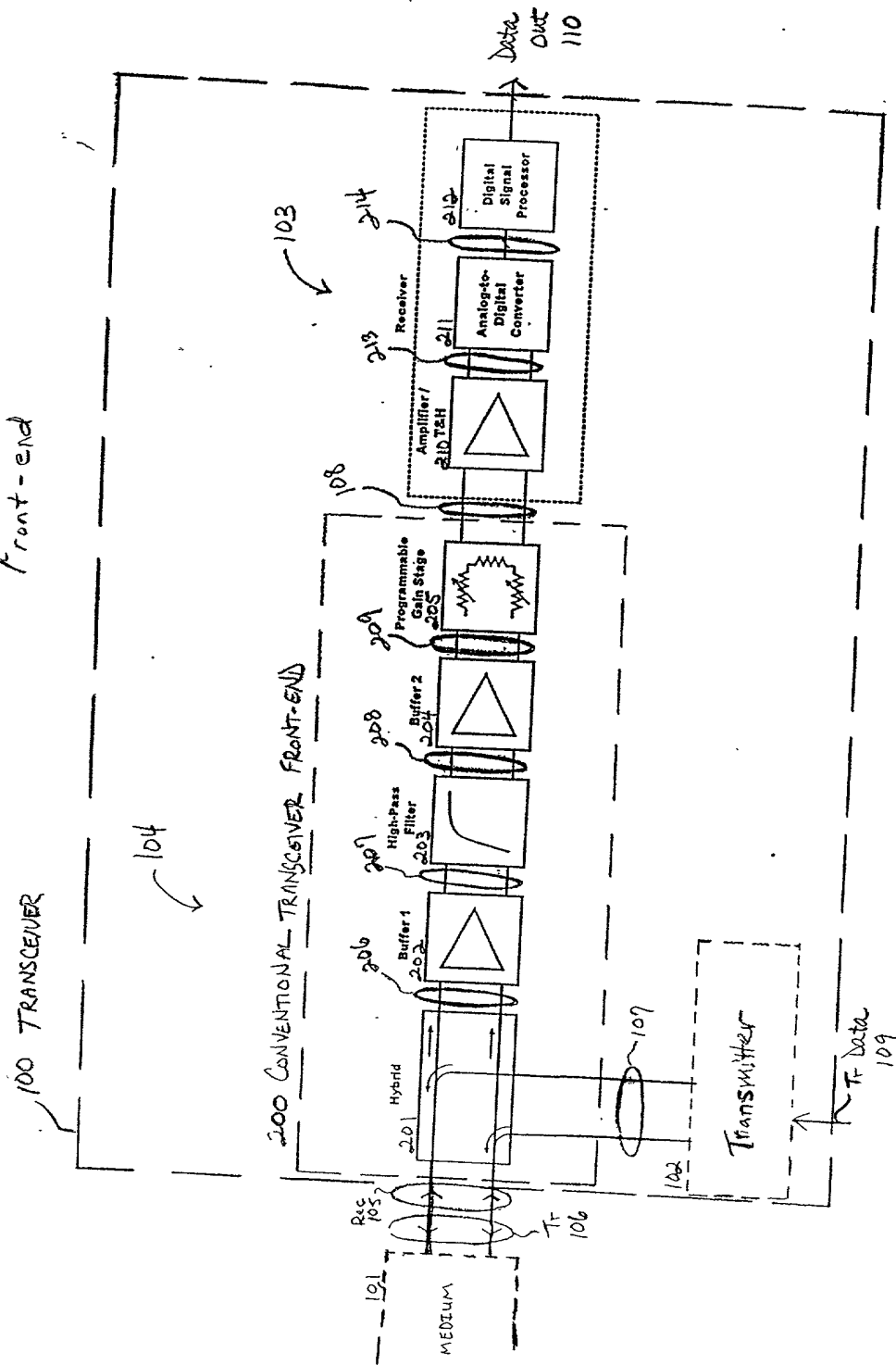
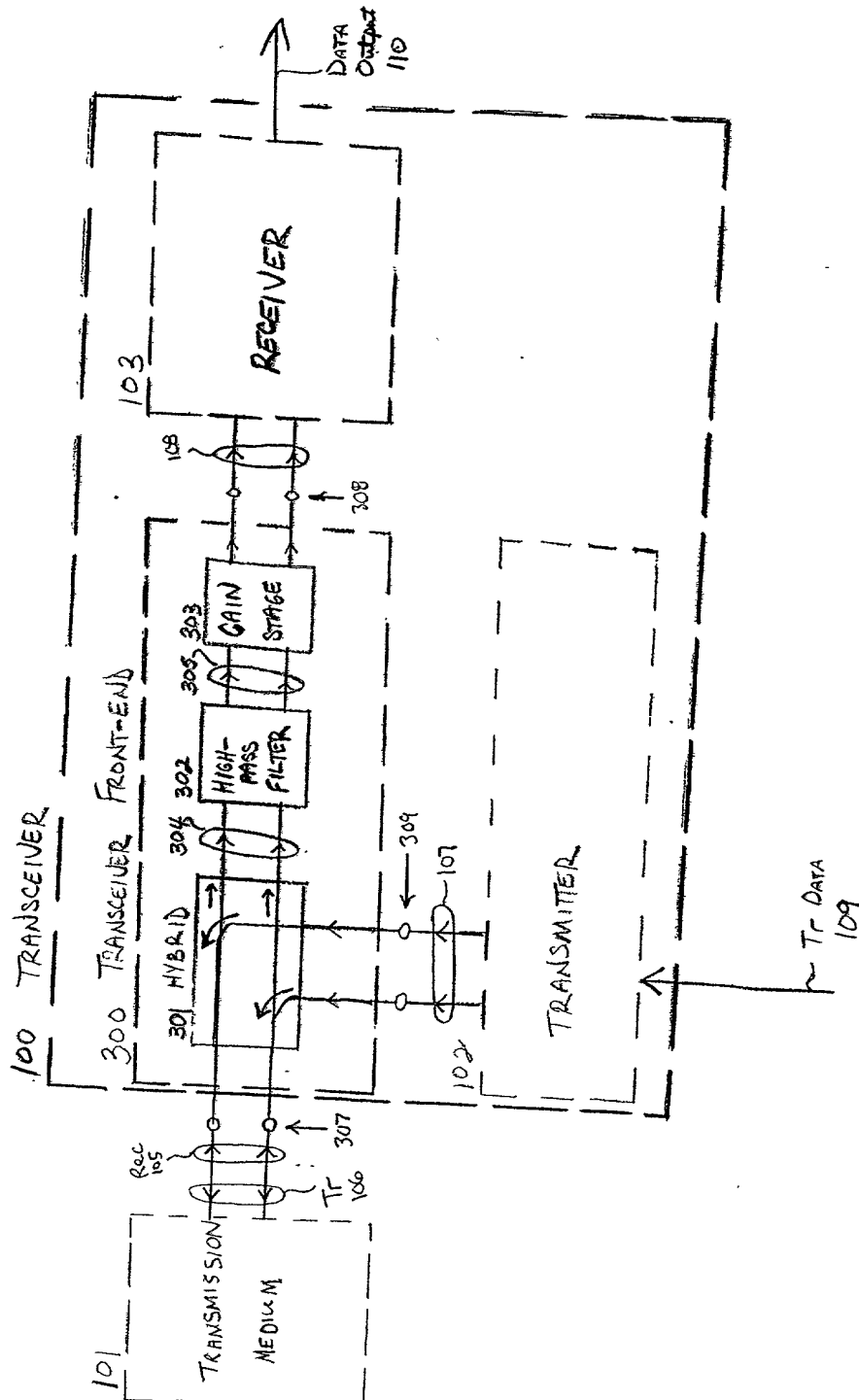


FIG. 3



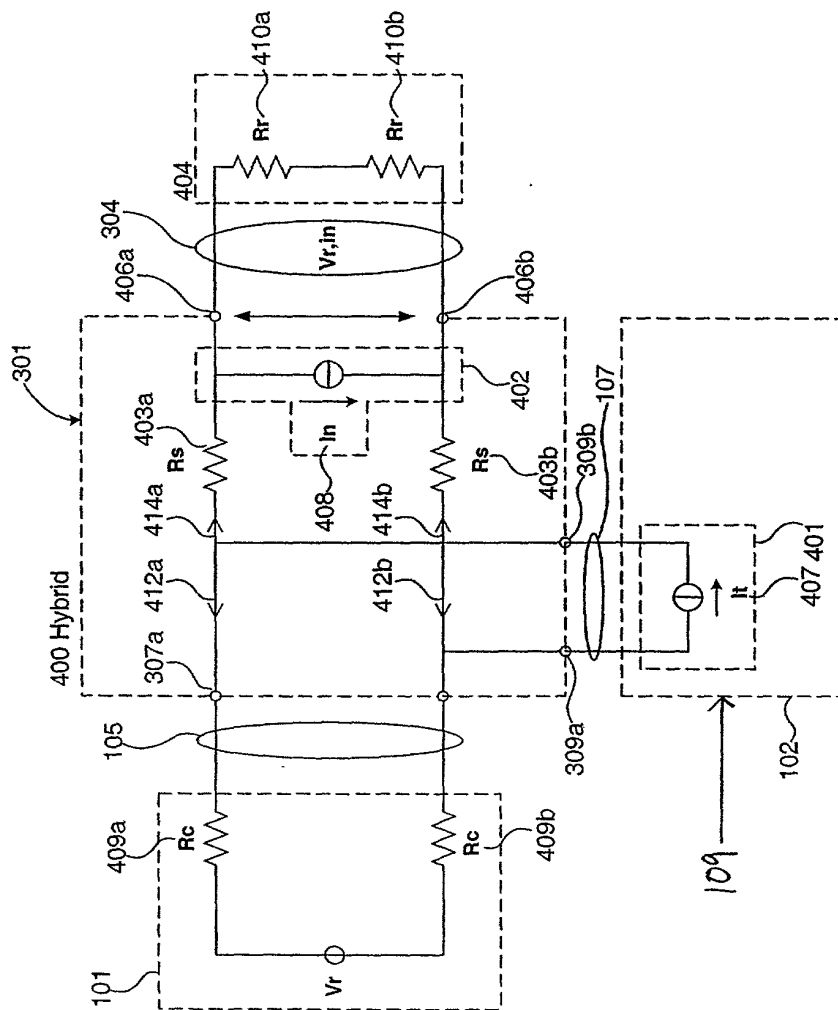


FIG. 4

FIG. 5

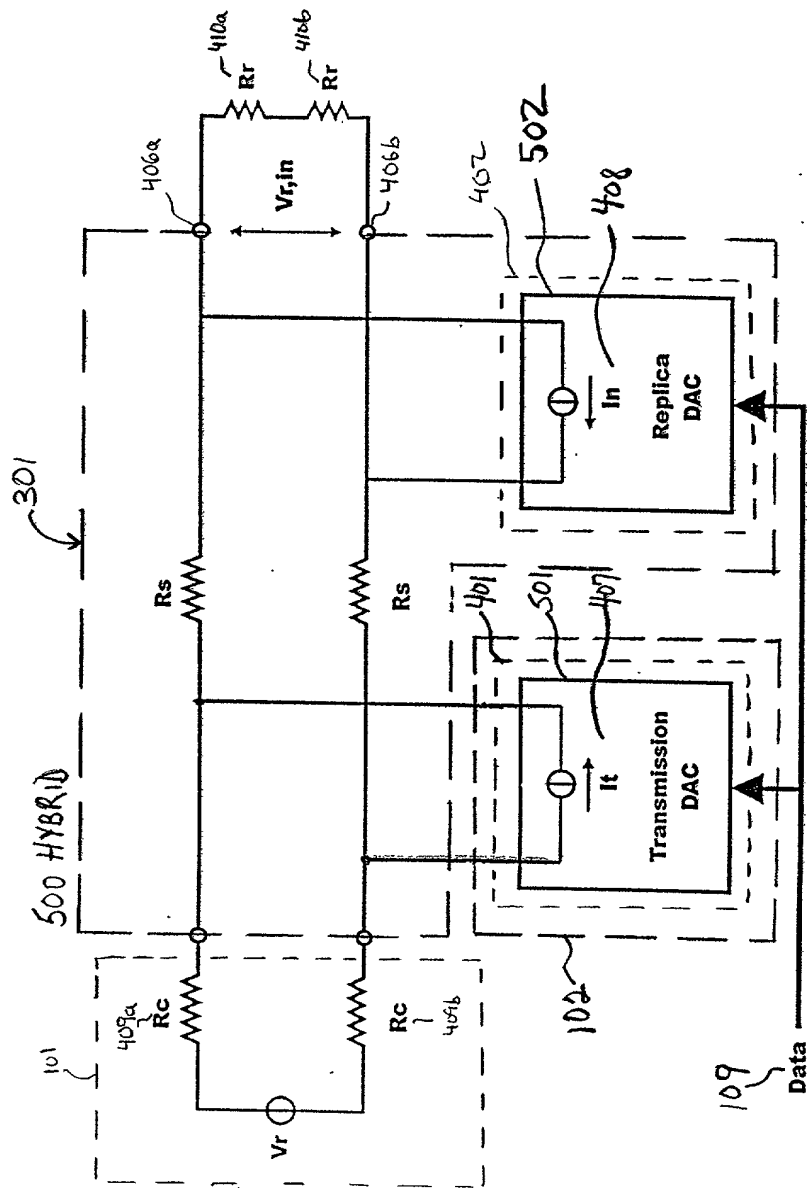
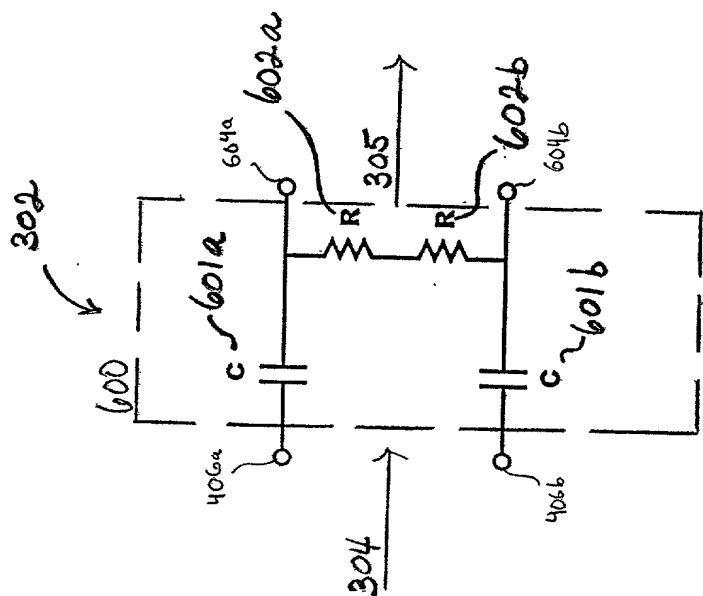


FIG. 6



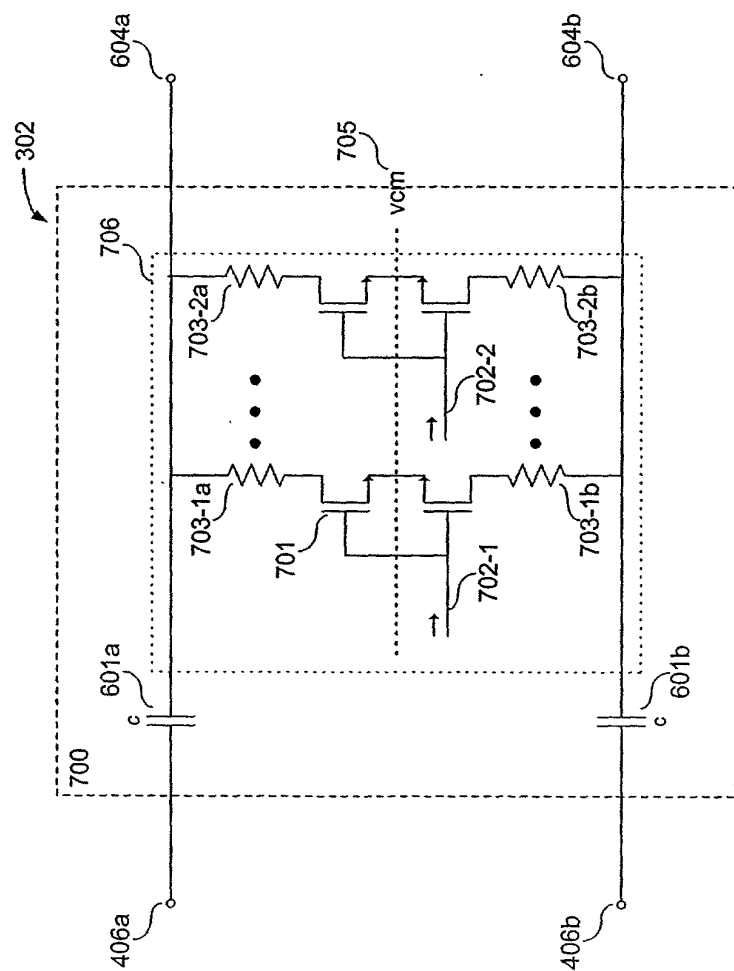
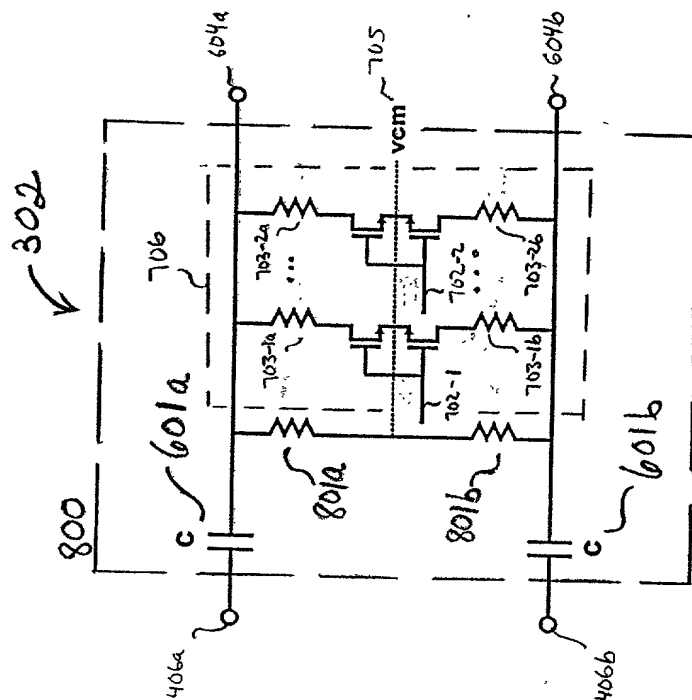


FIG. 7

FIG. 8



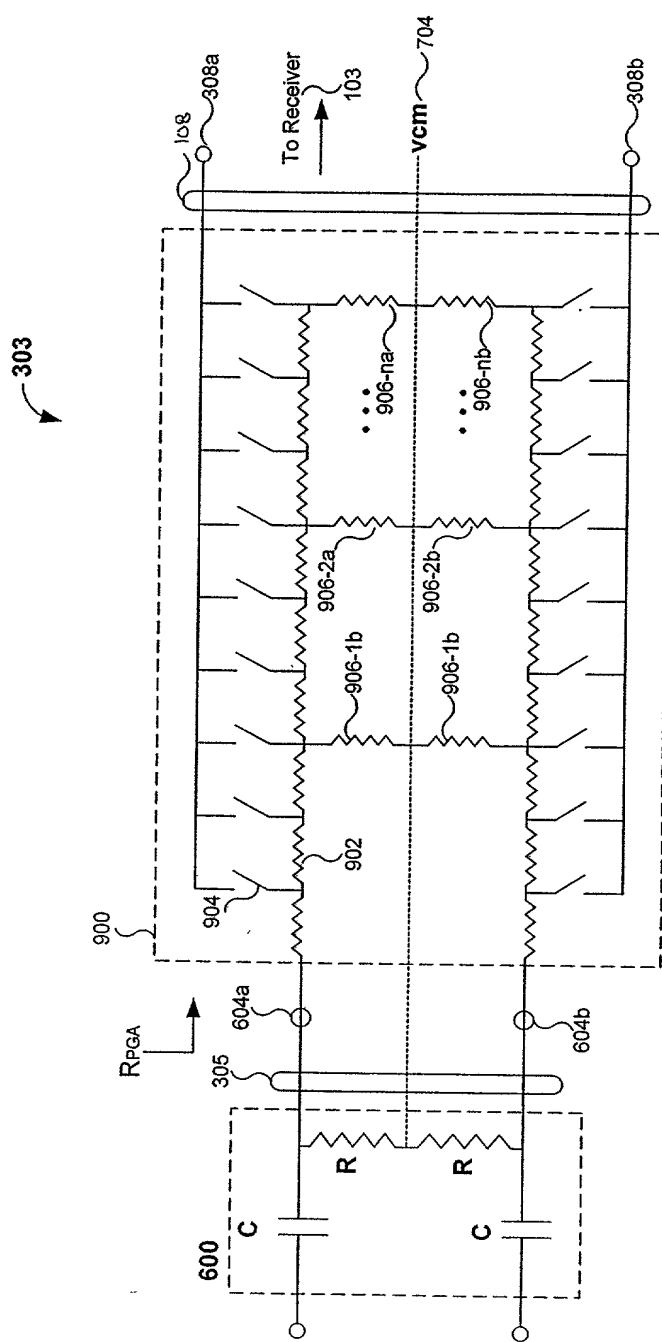


FIG. 9

FIG. 10

